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10 April 1963

MEMORANDUM FOR: Comptroller

SUBJECT : Request for Additional FY 64 Funds and Personnel Ceiling

This is to request FY 64 funds and ceiling authorizations to permit priority acquisition and installation of an IBM 7090 large-scale scientific computer.

1. Needs exist in all four of the Agency's Deputy Directorates for large-scale scientific computing support. The most imperative of these, in terms of time, stems from the DD/R. Dr. Scoville has requested me, in a memo dated 4 April 1963, to procure under the highest governmental priority a large-scale scientific computer for installation in the Headquarters Building. Deadlines on this procurement action are critically short. Installation of the machine must take place no later than July 1963 to meet the DD/R operational requirements. (Dr. Scoville's memorandum, which is "special channels", will be made available to you separately upon your request.)

2. To meet this DD/R need and other scientific computing requirements of the Agency, the ADPS has selected the IBM 7090 computer. The IBM 7090 will become a part of the computer center now operated by the ADPS. This center already contains IBM 1410 and 1401 computers. The IBM 7090 must be collocated with the 1410 and 1401 computers in a new computer site in the Headquarters Building. These machines will be operationally interdependent.

3. The Agency has not specifically provided FY 64 funds or personnel authorizations for this new requirement. 25X1  
additional ceiling positions and [redacted] in additional funds will 25X1  
be required by the ADPS to acquire, install, and operate the IBM 7090.

4. It is most urgent that a letter of intent to the IBM Corporation for this equipment be issued at the earliest possible date to permit IBM to meet the July 1963 installation schedule.

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GROUP 1  
Excluded from automatic  
downgrading and  
declassification

*DD/S 63-1725 replaced  
DD/S 63-1476*

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5. Attachment A contains additional detail on this requirement.

L. K. WHITE  
Deputy Director  
(Support)

Distribution:

Orig. + 1 - Addressee  
2 - O/DD/S  
1 - DD/R  
1 - DD/I  
1 - DD/P  
2 - ADPS

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Attachment A

ACQUISITION OF THE IBM 7090

A. Tasks for the 7090

1. DD/R

a. Two 7090-type projects have been identified to date:

- (1) Operational support to OSA. (See special channels memorandum from the DD/R to the DD/S, dtd 4 April 1963, citing critical need for 7090 support to this effort.)
- (2) Experimentation with general-purpose computer processing of ELINT data for OEL using programs developed at NSA.

b. Priority need:

An IBM 7090 can be made available by IBM in July 1963, if CIA will procure top Government priority for it. In such case, site preparation would occur in the Headquarters Building during May and June 1963. (This site would accommodate, in addition to the 7090, the [ ] 1410/1401 computers and the [ ] machine. Equipment (except the [ ] machine which is scheduled for installation in December 1963) would be installed in July and be operational by August 1963.

25X1

25X1

25X1

2. DD/I

OSI has the principal requirement within the DD/I for 7090 support. The AD/SI is anxious to set up in-house computing capabilities to (a) cut back on production-type computing now being done under external contracts and (b) provide more immediate and flexible computing support to OSI analysts.

The major areas of interest to OSI are:



25X1

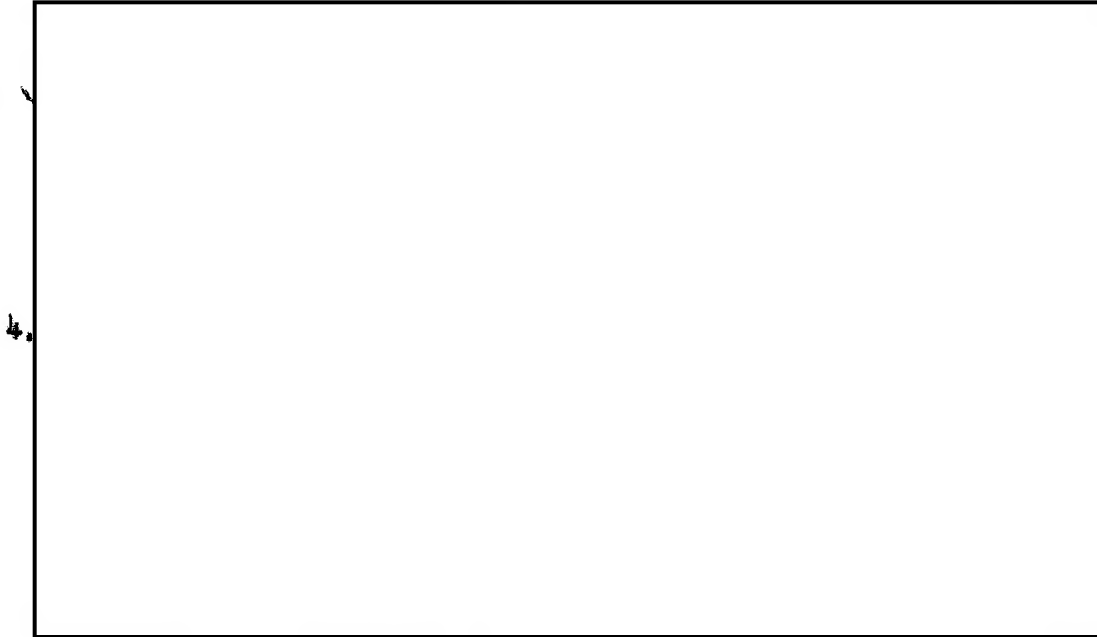
3. DD/S

There are two 7090-type areas of interest presently identified in the DD/S:

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25X1



B. Immediate Steps to Procure and Install an IBM 7090 by July 1963

1. Approval and Authorization

Agency management must approve priority acquisition of an IBM 7090 and authorize AIPB to place a Government priority order with the IBM Corporation now.

2. Equipment Order

AIPB must determine suitable hardware configuration and place a formal order with IBM for priority delivery in July 1963.

3. Space

A suitable site in the Headquarters Building for the CIA Computer Center must be designated. This Center will house the 7090, the [ ] 1410/1401, and the [ ] computers. These machines will be operationally interdependent ( [ ] partially excepted) and must therefore be collocated.

25X1

25X1

25X1

Computer Room	5,750 sq. ft.
Tape Library	700
Supplies	400
Operations Personnel	600
Key Punch Room	1,200
IBM Service Engineers Room	350
	<u>9,000 sq. ft.</u>

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The site for the CIA Computer Center must be designated by early May 1963, so that site preparation (false floors, power, air conditioning, etc.) can be completed in July 1963.

4. Personnel

Because the proposed centralized Office of Computer Services can draw on skills already on board to staff in part for this major extension of CIA computing capabilities, only [ ] additional ceiling positions will be required.

Programmers

IBM 7090 Operators

[ ] ceiling positions

(Systems analysis, additional programming, data preparation, and management skills will be drawn from the proposed Office of Computer Services.)

5. Budget

FY-64 funds must be earmarked for this acquisition as follows:



6. Hardware installation

Installation in the CIA Computer Center of the IBM 7090, and relocation of the [ ] 1410/1401 (already in Headquarters Building) must be completed in July 1963.

7. Recruitment and Training

ADPS will continue its recruitment and training of skills required for scientific computing on the IBM 7090.

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